

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 18016-23
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/579369
INTERNATIONAL APPLICATION NO. PCT/US03/07658	INTERNATIONAL FILING DATE 13 March 2003	PRIORITY DATE CLAIMED 13 March 2002
TITLE OF INVENTION MODULATION OF PROTEIN METHYLATION AND PHOSPHOPROTEIN PHOSPHATE		
APPLICANT(S) FOR DO/EO/US Signum Biosciences, Inc.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p style="margin-left: 20px;">c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> is attached hereto.</p> <p style="margin-left: 20px;">b. <input checked="" type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 20px;">d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input checked="" type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

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20. Other items or information:

1. Petition For Revival Of An International Application For Patent Designating The United States Unintentionally Abandoned Under 37 C.F.R. 1.137(b) (2 sheets)

The following fees have been submitted	CALCULATIONS	PTO USE ONLY																				
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300	\$ 300.00																					
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))																						
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0	\$ 0.00																					
All other situations..... \$200																						
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))																						
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0																						
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100	\$ 0.00																					
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400																						
All other situations..... \$500																						
TOTAL OF 21, 22 and 23 =	300.00																					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">Total Sheets</th> <th style="width: 15%;">Extra Sheets</th> <th style="width: 30%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width: 40%;">RATE</th> </tr> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td>x \$250</td> </tr> </table>	Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	- 100 =	/50 =		x \$250	\$ 0.00													
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- 100 =	/50 =		x \$250																			
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).	\$ 0.00																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">CLAIMS</th> <th style="width: 15%;">NUMBER FILED</th> <th style="width: 15%;">NUMBER EXTRA</th> <th style="width: 15%;">RATE</th> <th style="width: 40%;">\$</th> </tr> <tr> <td>Total claims</td> <td>16 - 20 =</td> <td></td> <td>x \$ 50</td> <td>\$</td> </tr> <tr> <td>Independent claims</td> <td>2 - 3 =</td> <td></td> <td>x \$200</td> <td>\$</td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360</td> </tr> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	Total claims	16 - 20 =		x \$ 50	\$	Independent claims	2 - 3 =		x \$200	\$	MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																		
Total claims	16 - 20 =		x \$ 50	\$																		
Independent claims	2 - 3 =		x \$200	\$																		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360																		
TOTAL OF ABOVE CALCULATIONS =	\$ 0.00																					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.	150.00																					
SUBTOTAL =	\$ 150.00																					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).	\$																					
TOTAL NATIONAL FEE =	\$ 150.00																					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property	\$ 40.00																					
TOTAL FEES ENCLOSED =	\$ 190.00																					
	Amount to be refunded:	\$																				
	Amount to be charged	\$																				

10/579369

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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- 1AP20R3370070 25 MAY 2006
- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
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A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 501358. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Docket Administrator
LOWENSTEIN SANDLER PC
65 Livingston Avenue
Roseland, New Jersey 07068

Beverly W. Lubit
SIGNATURE

Beverly W. Lubit
NAME

47,759
REGISTRATION NUMBER

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Alexandria, VA 22313-1450**

On May 15, 2006
Date

Re: Attorney Docket No.: 18016-23

Savaly Ullahat
Signature

Beverly W. Lubit

Typed or printed name of person signing Certificate

47,759
Registration Number, if applicable

973-579-2500 ext. 6170
Telephone Number

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Items:

- (1) Certificate of Express Mail bearing no: **EQ 336 718 587 US**;
- (2) Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission Under 35 U.S.C. 371
(3 sheets in duplicate);
- (3) Application Data Sheet (6 sheets);
- (4) Petition For Revival of An International Application For Patent Designating
The United States Unintentionally Abandoned Under 37 C.F.R. 1.137(b)
(2 sheets);
- (5) Declaration (6 sheets)
- (6) Specification (38 sheets), Claims (2 sheets) and Abstract (1 sheet);
- (7) Drawings (Figs. 1 and 2) (2 sheets);
- (8) Recordation (in duplicate) and Assignment (6 sheets)

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.